

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	18	((electric\$2 near2 arc) same splic\$4) and (optical adj (fiber or fibre)) and (core with (clad or cladding)) and ((glass with (powder or particles)) or fluorescen\$3 or phospho\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:19
L6	98	("4776340" "5398170" "5946438" "5371814" "5889901" "6094517" "6144787" "4596466" "4913507" "4448482" "4505555" "4595839" "4830458" "4864144" "4911514" "4966432" "4978190" "5459505" "5550942" "5778117" "5802222" "4315147" "4595265" "4814948" "4936151" "5004912" "5196899" "5218654" "5245680" "5420950" "5481633" "5515464" "5517390" "5572016" "5648859" "5747793" "5765934" "5896219" "5933269" "5956854" "5963657" H001813 "5995262" "6092318" "6115484" "6122833" "6216352" "6216352" "4341439" "4353620").pn. ("4360249" "4361402" "4434360" "4460989" "4491413" "4755054" "4767168" "4779947" "4781431" "4786138" "4840482" "4873431" "4877300" "4925514" "4947038" "5007700" "5194917" "5251060" "5261018" "5300067" "5367587" "5408556" "5455704" "5544269" "5575860" "5584558" "5589937" "5633968" "5637865" "5651079" "5698847" "5757999" "5778115" "5835260" "5848203" "5877890" "5903688" "5943162" "5953477" "5963683" "5966489" "6018602" "6076959" "6144791" "6168591" "6174424" "6222970" "6222970" "4288161" "4289398").pn.	USPAT	OR	ON	2005/06/07 15:16
S1	13	((("4398795") or ("4781428") or ("4887879") or ("3936631") or ("5080506") or ("5591964") or ("5039188") or ("4165496") or ("4475789") or ("4923273") or ("4618211") or ("4466697") or ("4371897")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/07 15:15

S2	9	(monitoring with protection with device with cables).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 10:51
S3	126	((electric\$2 near2 arc) same splic\$4) and (optical adj (fiber or fibre)) and (core with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 14:18
S4	5	((electric\$2 near2 arc) same splic\$4) and (optical adj (fiber or fibre)) and ((mix or mixture or combin\$4 or fus\$2) with core with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:11
S5	22	((electric\$2 near2 arc) same splic\$4) and (optical adj (fiber or fibre)) and ((mix or mixture or combin\$4 or fus\$2 or diffus\$3) with core with (clad or cladding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/07 11:11
S6	0	("2005/0002607").URPN.	USPAT	OR	ON	2005/06/07 11:30

**PALM INTRANET**Day : Tuesday
Date: 6/7/2005
Time: 10:53:54**Inventor Name Search Result**

Your Search was:

Last Name = NEUHAUS

First Name = RUDOLF

Application#	Patent#	Status	Date Filed	Title	Inventor Name 1
<u>10712765</u>	Not Issued	030	11/12/2003	METHOD FOR MANUFACTURING OF AN OPTICAL FIBER WITH A DECOUPLING INTERFACE FOR SCATTERED LIGHT, USE OF AN OPTICAL FIBER AND DEVICE FOR MONITORING OF THE LIGHT POWER GUIDED THROUGH AN OPTICAL FIBER	NEUHAUS, RUDOLF

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="NEUHAUS"/>	<input type="text" value="RUDOLF"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

**PALM INTRANET**Day : Tuesday
Date: 6/7/2005
Time: 10:54:00**Inventor Name Search Result**

Your Search was:

Last Name = POPP

First Name = FREDERIK

Application#	Patent#	Status	Date Filed	Title	Inventor Name 1
<u>10712765</u>	Not Issued	030	11/12/2003	METHOD FOR MANUFACTURING OF AN OPTICAL FIBER WITH A DECOUPLING INTERFACE FOR SCATTERED LIGHT, USE OF AN OPTICAL FIBER AND DEVICE FOR MONITORING OF THE LIGHT POWER GUIDED THROUGH AN OPTICAL FIBER	POPP, FREDERIK

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="POPP"/>	<input type="text" value="FREDERIK"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

**PALM INTRANET**Day : Tuesday
Date: 6/7/2005
Time: 10:54:08**Inventor Name Search Result**

Your Search was:

Last Name = ROSSMEIER

First Name = HARALD

Application#	Patent#	Status	Date Filed	Title	Inventor Name 2
<u>10712765</u>	Not Issued	030	11/12/2003	METHOD FOR MANUFACTURING OF AN OPTICAL FIBER WITH A DECOUPLING INTERFACE FOR SCATTERED LIGHT, USE OF AN OPTICAL FIBER AND DEVICE FOR MONITORING OF THE LIGHT POWER GUIDED THROUGH AN OPTICAL FIBER	ROSSMEIER, HARALD
<u>09832018</u>	Not Issued	161	04/11/2001	SYSTEM FOR GEOMETRIC BEAM SHAPING OF A LIGHT BEAM PROFILE	ROSSMEIER, HARALD

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="ROSSMEIER"/>	<input type="text" value="HARALD"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "(arc<in>metadata) <and> (splice<in>metadata) <and> (monitor<in>m..."



Your search matched 6 of 1168854 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» [View Session History](#)» [New Search](#)

Modify Search

» Key

(arc<in>metadata) <and> (splice<in>metadata) <and> (monitor<in>metadata)



IEEE JNL IEEE Journal or Magazine

☐ Check to search only within this results set

IEE JNL IEE Journal or Magazine

Display Format: ☒ Citation ☐ Citation & Abstract

IEEE CNF IEEE Conference Proceeding

Select Article Information

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard


- | | |
|--------------------------|--|
| <input type="checkbox"/> | <p>1. Self-core-alignment arc-fusion splicer based on a simple local monitoring metho-
 Fujise, M.; Iwamoto, Y.; Takei, S.;
 Lightwave Technology, Journal of
 Volume 4, Issue 8, Aug 1986 Page(s):1211 - 1218
 AbstractPlus Full Text: PDF(1000 KB) IEEE JNL</p> |
| <input type="checkbox"/> | <p>2. Laser-scattering-based method for Investigation of ultra-low-loss arc fusion-splic optical fibers
 El-Diasty, F.;
 Lightwave Technology, Journal of
 Volume 22, Issue 6, June 2004 Page(s):1539 - 1542
 AbstractPlus References Full Text: PDF(160 KB) IEEE JNL</p> |
| <input type="checkbox"/> | <p>3. Arc-welded monomode fiber splices made with the aid of local Injection and dete light
 Giok-Djan Khoe; Luijendijk, J.; Vroomen, L.;
 Lightwave Technology, Journal of
 Volume 4, Issue 8, Aug 1986 Page(s):1219 - 1222
 AbstractPlus Full Text: PDF(496 KB) IEEE JNL</p> |
| <input type="checkbox"/> | <p>4. Arc fusion splicer with profile alignment system for high-strength low-loss optica cable
 Yamada, T.; Ohsato, Y.; Yoshinuma, M.; Tanaka, T.; Itoh, K.;
 Lightwave Technology, Journal of
 Volume 4, Issue 8, Aug 1986 Page(s):1204 - 1210
 AbstractPlus Full Text: PDF(944 KB) IEEE JNL</p> |
| <input type="checkbox"/> | <p>5. Arc-fusion splicing of single-mode fibers: An apparatus with an automatic core-a mechanism and its field trial results
 Kato, Y.; Seikai, S.; Tanifuji, T.;
 Lightwave Technology, Journal of
 Volume 2, Issue 4, Aug 1984 Page(s):442 - 447
 AbstractPlus Full Text: PDF(1928 KB) IEEE JNL</p> |
| <input type="checkbox"/> | <p>6. Splicing of Fibers by the Fusion Method
 Inada, K.; Watanabe, O.; Taya, H.;
 Selected Areas in Communications, IEEE Journal on</p> |

Volume 4, Issue 5, Aug 1986 Page(s):706 - 713

[AbstractPlus](#) | Full Text: [PDF](#)(720 KB) IEEE JNL

[View Selected Items](#)

indexed by

 Inspec[®]

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2005 IEEE –

Dialog DataStar[options](#)[logout](#)[feedback](#)[help](#)[databases](#)[easy search](#)**Advanced Search: INSPEC - 1969 to date (INZZ)**[limit](#)

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	arc AND splice AND monitor	unrestricted	0	-

[hide](#) | [delete all search steps...](#) | [delete individual search steps...](#)Enter your search term(s): [Search tips](#) Information added since: or: [search](#)

(YYYYMMDD)

Select special search terms from the following list(s):

- ☐ Classification codes A: Physics, 0-1
- ☐ Classification codes A: Physics, 2-3
- ☐ Classification codes A: Physics, 4-5
- ☐ Classification codes A: Physics, 6
- ☐ Classification codes A: Physics, 7
- ☐ Classification codes A: Physics, 8
- ☐ Classification codes A: Physics, 9
- ☐ Classification codes B: Electrical & Electronics, 0-5
- ☐ Classification codes B: Electrical & Electronics, 6-9
- ☐ Classification codes C: Computer & Control
- ☐ Classification codes D: Information Technology
- ☐ Classification codes E: Manufacturing & Production
- ☐ Treatment codes
- ☐ INSPEC sub-file
- ☐ Publication types
- ☐ Language of publication

[Top](#) - [News & FAQs](#) - [Dialog](#)

© **2005** Dialog

IP.com
PriorArtDatabase

June 07, 2005

USPTO

Secure

Search

Full Text

Concept

Document ID

Recent Disclosures

Publish

Publish Disclosure

My IP.com

Manage Account

Prior Purchases

Prior Disclosures

Events

Main Page

Support

Logout

Fingerprint Lookup

Lookup

Displaying records #1 through 10 out of 10

Result # 1 Relevance: ○○○○○○

**PREVIEW**
this document**Optical sensor for measuring fluorescence anisotropy in polymer processing**

14-Sep-2000

IPCOM000004319D

English

An optical sensor containing polarizing optical components measures fluorescence anisotropy of fluorescent dyes. The measurement detects vertical and horizontal components of fluorescent light. It uses Glan-Taylor and Wollaston calcite polarizers, both ...

Result # 2 Relevance: ○○○○○○

**PREVIEW**
this document**Optical Monitor for Detection of Contaminants in Liquids**

1982-06-01

IPCOM000049567D

English

This optical system is designed for determining a degree of built-up contaminant in a solvent.

Result # 3 Relevance: ○○○○○○

**PREVIEW**
this document**Optical Bridge for an Atomic Absorption Rate Monitoring Control System**

1971-06-01

IPCOM000074790D

English

For evaporation and sputtering systems that use atomic absorption rate monitoring, the atomic vapor is contained within a chamber. The atomic absorption equipment is external to the chamber. Access to the chamber is accomplished through suitable ...

Result # 4 Relevance: ○○○○○○

**PREVIEW**
this document**Multimode Spectrometer**

1976-09-01

IPCOM000086506D

English

The drawing shows a multimode spectrometric system operable as a single beam instrument or a double beam instrument to perform many functions, e.g., the measurement of transmission; straight-through and front-surface fluorescence emission; corrected ...

Result # 5 Relevance: ○○○○○○

**PREVIEW**
this document**Assigned Numbers (RFC1700)**

1994-10-01

IPCOM000002539D

English

The files in this directory document the currently assigned values of a series of numbers used in network protocol implementations.

Result # 6 Relevance: ○○○○○○

**PREVIEW**
this document**Assigned Numbers (RFC1340)**

1992-07-01

IPCOM000002164D

English

This Network Working Group Request for Comments documents assigned values from several series of numbers used in network implementations. This RFC will be updated periodically, and in the current information can be obtained from the ...

Result # 7 Relevance: **PREVIEW**
This document**Dynamic Focusing Technique for Photolithographic**

1986-01-01

IPCOM000059703D

English

All current techniques for focus optimization of photolithography upon the use of the tool, the exposure and development of a surface onto a photoresist-coated wafer and the subsequent reading of the wafer. Focus information is then entered ...

Result # 8 Relevance: **PREVIEW**
This document**Automatic Brewster's Angle Thin Film Thickness Measurement Spectrophotometer**

1978-01-01

IPCOM000068552D

English

An automatic instrument, as shown in the figure, is capable of measuring individual layer thicknesses of a composite film to a high degree of accuracy by measuring the relative intensity of the S (perpendicular polarized) and P (parallel polarized) components of ...

Result # 9 Relevance: **PREVIEW**
This document**Assigned numbers (RFC1060)**

1990-03-01

IPCOM000001868D

English

This Network Working Group Request for Comments documents assigned values from several series of numbers used in network implementations. This RFC will be updated periodically, and in the current information can be obtained from the Internet ...

Result # 10 Relevance: **PREVIEW**
This document**Hydroxy-Substituted Hydrocarbyloxyamine Stabilizers**

20-Nov-2000

IPCOM000004456D

English

Certain sterically hindered hydroxy-substituted hydrocarbyloxyamine stabilizers are found to be especially efficacious towards stabilizing a material subject to degradation induced by light, heat or oxidation. The stabilized compositions comprising (a) ...

Displaying page 1 of 1 < BACK | NEXT >

Search query: arc AND monitor AND optical

[New search](#) | [Modify this search](#) | [Search within current results](#)

Copyright © 2005 IP.com, Inc. All rights reserved. |



[SPIE DL home](#) | [Scitation home](#) | [Search SPIN](#) | [help](#) | [contact](#) | [sign in](#) | [sign out](#)

[SPIE Digital Library](#)

[Proceedings](#)

[Journals](#)

**SPIE—The International
Society for Optical Engineering**

[My SPIE Subscription](#) | [My E-mail Alerts](#) | [My Article Collections](#)

[Home](#) » [Advanced Search](#) » [Search Results](#)

SEARCH DIGITAL LIBRARY

[\[Back to Search Query\]](#) | [Start New Search](#) | [Searching Hints](#)

Search

[Advanced Search](#)

BROWSE PROCEEDINGS

✖ **Proceedings**

- ✖ By Year
- ✖ By Symposium
- ✖ By Volume No.
- ✖ By Volume Title
- ✖ By Technology

BROWSE JOURNALS

✖ **Journals**

- ✖ Optical Engineering
- ✖ J. Electronic Imaging
- ✖ J. Biomedical Optics
- ✖ J. Microlithography, Microfabrication, and Microsystems

GENERAL INFORMATION

- ✖ About the Digital Library
- ✖ Subscriptions & Pricing
- ✖ E-mail Alerts
- ✖ Terms of Use
- ✖ Companies & Institutions
- ✖ SPIEWeb

Search Results

You were searching for : (((arc) <and>(splice)) <and>(optical))

You found 5 out of 188484 (5 returned)

Documents 1 - 5 listed on this page

Options for selected Articles

Check Article(s) then ...

Go

Adding to MyArticles will open a second window (Scitation login required).

[Related SPIE Products]

77%

1. ☐ **Using an electrical arc for fiber components implementation**
Stephane Huot, Jeffery Au, Mouloud Benoune, Yassine Bouslimani, and Habib Hamam
Proc. SPIE Int. Soc. Opt. Eng. **5577**, 511 (2004)
PDF (215 kB)
2. ☐ **Diffusion processes and the emerging intermediate area during arc fusion splicing of single-mode optical telecommunication fibers**
Marek Ratuszek, Zbigniew Zakrzewski, Jacek Majewski, and Malgorzata Ratuszek
Proc. SPIE Int. Soc. Opt. Eng. **4239**, 155 (2000)
PDF (667 kB)
3. ☐ **Arc fusion splicing of telecommunication optical fibers in extreme climatic circumstances**
Marek Ratuszek, Zbigniew Zakrzewski, Jacek Majewski, Stefan Strozecki, and Jozef Zalewski
Proc. SPIE Int. Soc. Opt. Eng. **4239**, 150 (2000)
PDF (228 kB)
4. ☐ **Factors affecting arc fusion splice strengths**
John T. Krause and Dimitrios Stroumbakis
Proc. SPIE Int. Soc. Opt. Eng. **2611**, 98 (1996)
PDF (1049 kB)
5. ☐ **Silica-based rod lens for the medical fiberscope**
Ken-ichi Nakatate, Naoki Shamoto, Tateuki Oohashi, Takashi Tsumanuma, and Kazuo Sanada

77%

77%

Proc. SPIE Int. Soc. Opt. Eng. **2131**, 203 (1994)
PDF (463 kB)

[home](#) | [proceedings](#) | [journals](#)

[Terms of Use](#) | [Privacy Policy](#) | [Contact](#)

© 1994 – 2005



The International Society
for Optical Engineering